Appendix I: The first round of expert consultation questionnaire

Dear Experts:

This study intends to build a scientific clinical competency evaluation tool for master's degree in nursing based on the Mini-CEX in medical education, taking the clinical competency of nurses as the theoretical basis, analyzing expert opinions and literature, summarizing relevant contents, and referring to the actual situation of China, so as to provide a reference for the clinical competency evaluation program of MNS. We are familiar with your rich experience in the field of postgraduate nursing education, as well as your profound knowledge. We invite you to participate in this research and look forward to your guidance, and thank you very much for your support of this study in your busy schedule!

The preliminary construction of the evaluation tool for clinical competence of nursing master degree students includes 7 dimensions (nurse-patient communication, health assessment, clinical decision-making, operational skills, health promotion, humanistic care, and organizational effectiveness) and 53 entries. Please evaluate the importance of these evaluation indexes, and your opinion will directly influence the construction of the subsequent evaluation index system! In order to ensure that this research project can be completed on time, please respond within one week!

Finally, I would like to express my gratitude to you again! I sincerely thank you for your participation in this study, and wish you good health and good work!

Part I Basic information of experts

1. Name:						
2. Age(years):						
3. Workplace:						
4. Years of work	:					
5. Education:						
A.Bachelor's	degree B.Ma	ster's degree	C.Doctor	D.Others:		
6. Title:						
A.Junior	B.Intermediate	C.Associate	Senior	D.Positive Senior	E.Others:	
5. Is a graduate	advisor:	A.Yes (Doctoral Su	pervisor/Master's de	egree advisor)	B.No
6. What are you	r current role? (M	Iultiple choices	available)			
A.Teaching	B.Clinical	C.Administra	tion D.	Management	E.Scientific Resea	arch

Part II Consultation on Clinical Competency Evaluation Tool Indicators for Nursing Master Degree Students

Instructions:

This scale covers 7 dimensions with 53 entries. There are five different levels of importance, namely very important, relatively important, generally important, not too important, and not necessary, with scores of 5, 4, 3, 2, and 1.

If there is a need to adjust, revise, add or delete entries, you can directly modify in the "Revision" column.

Table 1 Consultation table of the clinical competence evaluation tool (scale dimensions) for nursing master's degree students

			Modify or			
Dimensionality	Very important	More important	General importance	Not really important	Not important	delete
	5	4	3	2	1	comments
A Nurse-Patient						
Communication						
B Health assessments						
C Clinical Decision Making						
D Operating Skills						
E Health Education						
F Humanistic Care						
G Organizational effectiveness						

Other suggestions:

Table 2 Consultation table of the clinical competence evaluation tool (scale entries) for nursing master's degree students

			Importanc	e evaluation	of indicators	S	
Dimensional ity	Items	Very importa nt	More importan	General importanc e	Not really importan	Not important	Modify or delete comments
	Al Appropriate self-introduction and addressing the	5	4	3	2	1	
	patient or family						
	A2 Inform the patient or family of the purpose of the						
A	communication						
Nurse-Patien t	A3 Confirm the patient's or family's ability to						
Communicat	communicate, communicate in a language that the						
ion	patient or family understands, and assess the patient's						
	or family's grasp of the information when appropriate						
	A4 Ask questions and guide the patient or family when						
	appropriate, and ask the patient's family to provide						

correct and sufficient communication information						
when necessary						
A5 Respond appropriately to patients when necessary						
A6 Demonstrate respect and compassion for patients						
A7 Not interrupting patients or family members						
inappropriately						
A8 Use non-verbal communication when necessary to						
achieve good communication results						
A9 Clearly thought out, well organized, well controlled						
pace						
Supplementary indicators:						
B1 Targeted physical examination						
B2 Correct physical examination technique						
B3 Comprehensive and accurate assessment						
B4 Correctly assess changes in the patient's condition						
	when necessary A5 Respond appropriately to patients when necessary A6 Demonstrate respect and compassion for patients A7 Not interrupting patients or family members inappropriately A8 Use non-verbal communication when necessary to achieve good communication results A9 Clearly thought out, well organized, well controlled pace Supplementary indicators: B1 Targeted physical examination B2 Correct physical examination technique B3 Comprehensive and accurate assessment	when necessary A5 Respond appropriately to patients when necessary A6 Demonstrate respect and compassion for patients A7 Not interrupting patients or family members inappropriately A8 Use non-verbal communication when necessary to achieve good communication results A9 Clearly thought out, well organized, well controlled pace Supplementary indicators: B1 Targeted physical examination B2 Correct physical examination technique B3 Comprehensive and accurate assessment	when necessary A5 Respond appropriately to patients when necessary A6 Demonstrate respect and compassion for patients A7 Not interrupting patients or family members inappropriately A8 Use non-verbal communication when necessary to achieve good communication results A9 Clearly thought out, well organized, well controlled pace Supplementary indicators: B1 Targeted physical examination B2 Correct physical examination technique B3 Comprehensive and accurate assessment	when necessary A5 Respond appropriately to patients when necessary A6 Demonstrate respect and compassion for patients A7 Not interrupting patients or family members inappropriately A8 Use non-verbal communication when necessary to achieve good communication results A9 Clearly thought out, well organized, well controlled pace Supplementary indicators: B1 Targeted physical examination B2 Correct physical examination technique B3 Comprehensive and accurate assessment	when necessary A5 Respond appropriately to patients when necessary A6 Demonstrate respect and compassion for patients A7 Not interrupting patients or family members inappropriately A8 Use non-verbal communication when necessary to achieve good communication results A9 Clearly thought out, well organized, well controlled pace Supplementary indicators: B1 Targeted physical examination B2 Correct physical examination technique B3 Comprehensive and accurate assessment	when necessary A5 Respond appropriately to patients when necessary A6 Demonstrate respect and compassion for patients A7 Not interrupting patients or family members inappropriately A8 Use non-verbal communication when necessary to achieve good communication results A9 Clearly thought out, well organized, well controlled pace Supplementary indicators: B1 Targeted physical examination B2 Correct physical examination technique B3 Comprehensive and accurate assessment

	B5 Properly assess potential risks		
	B6 Identify complications		
	B7 Proper use of specialty assessment tools		
	Supplementary indicators:		
	C1 Ability to identify problems		
	C2 Ability to assess current changes in the patient's		
	condition		
	C3 Can clarify the focus of the patient's current		
C Clinical	condition observation		
Decision	C4 Can make recommendations for decisions		
Making	regarding patient conditions		
	C5 Can provide the care needed for the patient's		
	current condition		
	C6 Be able to analyze the factors associated with the		
	development of the condition		

	C7 Critical thinking			
	C8 Ability to provide feedback			
	Supplementary indicators:			
	D1 Strictly implement the principle of aseptic			
	operation in operation			
	D2 Follow the requirements of the core system of			
	checking and identification of patients and the correct			
	timing and method of checking medical prescriptions			
D Operating	and medications during operation			
Skills	D3 Appropriate assessment of the patient and			
	appropriate assistance when the patient is unable to			
	cooperate with the operation			
	D4 Perform the steps according to the needs of the			
	disease and in a rational order			
	D5 Accurate operation process			

	D6 Respond appropriately to patient discomfort caused			
	during operation			
	D7 Pay attention to patient privacy protection during			
	operation			
	D8 Correct final disposal at the end of the operation			
	Supplementary indicators:			
	E1 To inform the purpose of health promotion			
	E2Provide the appropriate health education knowledge			
	needed			
E Health	E3 Health promotion using easy-to-understand			
Education	language			
	E4 Demonstrate and explain to patients when			
	necessary	 		
	E5 Accurate mission content			

	E6 Identify patients with missionary knowledge	
	Supplementary indicators:	
	F1 Ability to build a good trusting relationship with	
	patients	
	F2 Facing patients with a professional attitude and	
	identity	
	F3 Able to notice and deal with patient discomfort in a	
F	timely manner	
Humanistic	F4 Ensure patient safety and protect patients when	
Care	necessary	
	F5 Respect the patient's wishes where possible	
	F6 Good attitude and firm and polite tone when you	
	need to refuse a patient	
	F7 Protecting patient privacy	
	F8 Empathy for patients	

F9 Can use appropriate methods to help patients build						
confidence to overcome the disease						
Supplementary indicators:						
G1 Ability to respond effectively to emergencies						
G2 Proper time control and overall efficiency						
G3 Focus on prioritization in nursing behaviors						
G4 Efficient use of resources to provide optimal						
service						
G5 Appropriate and flexible assessment processing						
G6 High patient satisfaction						
Supplementary indicators:						
	confidence to overcome the disease Supplementary indicators: G1 Ability to respond effectively to emergencies G2 Proper time control and overall efficiency G3 Focus on prioritization in nursing behaviors G4 Efficient use of resources to provide optimal service G5 Appropriate and flexible assessment processing G6 High patient satisfaction	confidence to overcome the disease Supplementary indicators: G1 Ability to respond effectively to emergencies G2 Proper time control and overall efficiency G3 Focus on prioritization in nursing behaviors G4 Efficient use of resources to provide optimal service G5 Appropriate and flexible assessment processing G6 High patient satisfaction	confidence to overcome the disease Supplementary indicators: G1 Ability to respond effectively to emergencies G2 Proper time control and overall efficiency G3 Focus on prioritization in nursing behaviors G4 Efficient use of resources to provide optimal service G5 Appropriate and flexible assessment processing G6 High patient satisfaction	confidence to overcome the disease Supplementary indicators: G1 Ability to respond effectively to emergencies G2 Proper time control and overall efficiency G3 Focus on prioritization in nursing behaviors G4 Efficient use of resources to provide optimal service G5 Appropriate and flexible assessment processing G6 High patient satisfaction	confidence to overcome the disease Supplementary indicators: G1 Ability to respond effectively to emergencies G2 Proper time control and overall efficiency G3 Focus on prioritization in nursing behaviors G4 Efficient use of resources to provide optimal service G5 Appropriate and flexible assessment processing G6 High patient satisfaction	confidence to overcome the disease Supplementary indicators: G1 Ability to respond effectively to emergencies G2 Proper time control and overall efficiency G3 Focus on prioritization in nursing behaviors G4 Efficient use of resources to provide optimal service G5 Appropriate and flexible assessment processing G6 High patient satisfaction

Part III Expert familiarity with consulting content

Note: The degree of familiarity mainly includes very familiar, relatively familiar, generally familiar, not too familiar and unfamiliar, please refer to your own actual situation to fill in the corresponding column " $\sqrt{}$ ".

	Level of familiarity							
Dimensionality	Very familiar	Relatively	Generally	Not too	Unfamiliar			
		familiar	familiar	familiar				
A Nurse-Patient Communication								
B Health assessments								
C Clinical Decision Making								
D Operating Skills								
E Health Education								
F Humanistic Care								
G Organizational effectiveness								

Part IV The expert's judgment on the basis of consulting content

Note: Judgment is based on five aspects: intuition, theoretical knowledge and practical experience, etc. Please make your choice with reference to your own actual situation and put a tick in the corresponding column.

Basis of judgement	Degree of impact						
	Great Medium Little						
Theoretical analysis							
Practical experience							
Bibliography							
Subjective judgement							

Appendix II: The second round of expert consultation questionnaire

Dear Experts,

This study intends to build a clinical competency evaluation tool for nursing master degree students based on the Mini-CEX in medical education, taking the clinical competency of nurses as the theoretical basis, through literature review and expert opinions, and aiming to provide reference for further standardization of the clinical competency evaluation tool for nursing master degree students. We are familiar with your rich knowledge and experience in the field of nursing graduate education, so we sincerely invite you to help and guide us to complete the consultation, and thank you very much for your support to this study in your busy schedule!

The clinical competence evaluation tool for nursing master degree students constructed by this project after the first round of correspondence includes 7 dimensions (nurse-patient communication, health assessment, clinical decision-making, operational skills, health promotion, humanistic care, and organizational effectiveness) and 52 entries. Please rate the importance of these evaluation entries. Please start to evaluate the importance of these evaluation indexes, and your opinion will directly influence the construction of the subsequent evaluation index system! In order to ensure that this research project can be completed on time, please reply within a week, and we sincerely thank you for your help and guidance!

Finally, I would like to express my gratitude to you again! I sincerely thank you for your participation in this study, and wish you good health and good work!

Part I Consultation on Clinical Competency Evaluation Tool Indicators for Nursing Master Degree Students

Instructions:

This scale covers 7 dimensions with 53 entries. There are five different levels of importance, namely very important, relatively important, generally important, not too important, and not necessary, with scores of 5, 4, 3, 2, and 1.

If there is a need to adjust, revise, add or delete entries, you can directly modify in the "Revision" column.

Table 1 Consultation table of the clinical competence evaluation tool (scale dimensions) for nursing master's degree students

			M - 1:C			
Dimensionality	Very important	More important	General importance	Not really important	Not important	Modify or delete comments
	5	4	3	2	1	Comments
A Nurse-Patient						
Communication						
B Health assessments						
C Clinical Decision Making						
D Operating Skills						
E Health Education						
F Humanistic Care						
G Organizational effectiveness						
Other suggestions:						

Table 2 Consultation table of the clinical competence evaluation tool (scale entries) for nursing master's degree students

			Importance	e evaluation of	findicators		
Dimensionalit	Items	Very	More	General	Not really	Not	Modify or delete
у	items	important	important	importance	important	important	comments
		5	4	3	2	1	
	A1 Appropriate self-introduction and addressing						
	the patient or family						
	A2 Inform the patient or family of the purpose of						
	the communication						
A	A3 Confirm the patient's or family's ability to						
Nurse-Patient	communicate, communicate in a language that the						
Communicatio	patient or family understands, and assess the						
n	patient's or family's grasp of the information when						
	appropriate						
	A4 Ask questions and guide the patient or family						
	when appropriate, and ask the patient's family to						
	provide correct and sufficient communication						

	information when necessary			
	A5 Respond appropriately to patients when			
	necessary			
	A6 Demonstrate respect and compassion for			
	patients			
	A7 Not interrupting patients or family members			
	inappropriately			
	A8 Use non-verbal communication when necessary			
	to achieve good communication results			
	A9 Clearly thought out, well organized, well			
	controlled pace			
	Supplementary indicators:			
D 11141	B1 Targeted physical examination			
B Health	B2 Correct physical examination technique			
assessments	B3 Comprehensive and accurate assessment			

	B4 Correct assessment of the patient's condition	
	B5 Properly assess potential risks	
	B6 Identifying complications	
	B7 Proper use of specialty assessment tools	
	Supplementary indicators:	
	C1 Ability to identify clinical problems	
	C2 Ability to assess current changes in the patient's	
	condition	
C Clinical	C3 Can clarify the focus of the patient's current	
Decision	condition observation	
	C4 Can make recommendations for decisions	
Making	regarding patient conditions	
	C5 Can provide the care needed for the patient's	
	current condition	
	C6 Can analyze the factors and causes associated	

	with the development of the condition
	C7 Think critically
	C8 Ability to provide feedback
	Supplementary indicators:
	D1 Aseptic operation strictly implement the
	principles of aseptic operation
	D2 Follow the requirements of the core system of
	checking and identification of patients and the
D. On anotin a	correct timing and method of checking medical
D Operating Skills	prescriptions and medications during operation
SKIIIS	D3 Provide appropriate assistance when the patient
	is unable to cooperate with the operation
	D4 Perform the steps in a reasonable order
	according to the needs of the disease
	D5 Accurate operation process

	D6 Respond appropriately to patient discomfort	
	caused during operation	
	D7 Correct final disposal at the end of the	
	operation	
	Supplementary indicators:	
	E1 To inform the purpose of health promotion	
	E2Provide the appropriate health education	
	knowledge needed	
E Health	E3 Health promotion using easy-to-understand	
Education	language	
	E4 Demonstrate and explain to patients when	
	necessary	
	E5 Accurate mission content	

	E6 Identify patients with missionary knowledge	
	Supplementary indicators:	
	F1 Ability to build a good trusting relationship with	
	patients	
	F2 Facing patients with a professional attitude and	
	identity	
	F3 Able to notice and deal with patient discomfort	
F Humanistic	in a timely manner	
Care	F4 Ensuring patient safety	
Care	F5 Respect the patient's wishes where possible	
	F6 To ensure patient safety, be firm and polite	
	when you need to refuse unreasonable requests	
	from patients	
	F7 Protecting patient privacy	
	F8 Empathy for patients	

	F9 Can use appropriate methods to help patients			
	increase their confidence in overcoming the disease			
	Supplementary indicators:			
	G1 Ability to respond effectively to emergencies			
	G2 Proper time control and overall efficiency			
	G3 Focus on prioritization in nursing behaviors			
	G4 Efficient use of resources to provide optimal			
G	service			
Organizational effectiveness	G5 Appropriate and flexible assessment processing			
cricetiveness	G6 High patient satisfaction			
	Supplementary indicators:			

Part II Expert familiarity with consulting content

Note: The degree of familiarity mainly includes very familiar, relatively familiar, generally familiar, not too familiar and unfamiliar, please refer to your own actual situation to fill in the corresponding column " $\sqrt{}$ ".

	Level of familiarity						
Dimensionality	Very familiar	Relatively	Generally	Not too	Unfamiliar		
		familiar	familiar	familiar			
A Nurse-Patient Communication							
B Health assessments							
C Clinical Decision Making							
D Operating Skills							
E Health Education							
F Humanistic Care							
G Organizational effectiveness							

Part III The expert's judgment on the basis of consulting content

Note: Judgment is based on five aspects: intuition, theoretical knowledge and practical experience, etc. Please make your choice with reference to your own actual situation and put a tick in the corresponding column.

Basis of judgement	Degree of impact			
	Great	Medium	Little	
Theoretical analysis				
Practical experience				
Bibliography				
Subjective judgement				

Appendix III MNS Graduate Student Clinical Competency Evaluation Index

Nurse-Patient Communication (9 items):	Health Assessment (7 items):	Clinical Decision Making (8 items)
A1 Appropriate self-introduction and addressing the patient or family	B1 Targeted physical examination	C1 Ability to identify clinical problems
A2 Inform the patient or family of the purpose of the communication	B2 Correct physical examination technique	C2 Ability to assess current changes in the patient's condition
A3 Confirm the patient's or family's ability to communicate, communicate in a language that the patient or family understands, and assess the patient's or family's grasp of the information when appropriate	B3 Comprehensive and accurate assessment	C3 Can clarify the focus of the patient's current condition observation
A4 Ask questions and guide the patient or family when appropriate, and ask the patient's family to provide correct and sufficient communication information when necessary	B4 Correct assessment of the patient's condition	decisions regarding patient conditions
A5 Responding appropriately to patients	B5 Properly assess potential risks	C5 Can provide the care needed for the

		patient's current condition
A6 Demonstrate respect and compassion for patients	B6 Identify complications	C6 Can analyze the factors and causes associated with the development of the condition
A7 Not interrupting patients or family members inappropriately	B7 Proper use of specialty assessment tools	C7 Critical thinking
A8 Use non-verbal communication when necessary to achieve good communication results		C8 Ability to provide feedback
A9 Clearly thought out, well organized, well controlled pace		
Operating Skills (7 items):	Health Education (6 items):	Humanistic Care (9 items):
D1 Aseptic operation strictly implement the principles of aseptic operation	E1 To inform the purpose of health promotion	F1 Ability to build a good trusting relationship with patients
D2 Follow the requirements of the core system of checking and identification of patients and the correct timing and method of checking	E2 Provide the appropriate health education knowledge needed	F2 Facing patients with a professional attitude and identity

medical prescriptions and medications during		
operation		
D3 Provide appropriate assistance when the	E3 Health promotion using	F3 Able to notice and deal with patient
patient is unable to cooperate with the	easy-to-understand language	discomfort in a timely manner
operation		
D4 Perform the steps in a reasonable order	E4 Demonstrate and explain to	F4 Ensure patient safety
according to the needs of the disease	patients when necessary	
D5 Accurate operation process	E5 Accurate mission content	F5 Respect for patient wishes
D6 Respond appropriately to patient discomfort	E6 Identify patients with	F6 To ensure patient safety, be firm
caused during operation	missionary knowledge	and polite when you need to refuse
		unreasonable requests from patients
D7 Correct final disposal at the end of the		F7 Protecting patient privacy
operation		
		F8 Empathy for patients
		F9 Can use appropriate methods to
		help patients increase their confidence
		in overcoming the disease

Organizational effectiveness (6 items):					
G1 Ability to respond effectively to	G2 Proper time control and	G3 Focus on prioritization in nursing			
emergencies	overall efficiency	behaviors			
G4 Efficient use of resources to provide	G5 Appropriate and flexible	G6 High level of patient satisfaction			
optimal service	assessment processing				

Appendix S1 Quantitative table of experts' familiarity with indicators

Familiarity level	Very familiar	More familiar	General familiarity	Less familiar	Not familiar
Quantified values	1	0.8	0.6	0.4	0.2
A Nurse-Patient Communication	14	2	0	0	0
B Health assessments	8	8	0	0	0
C Clinical Decision Making	7	7	2	0	0
D Operating Skills	13	3	0	0	0
E Health Education	14	2	0	0	0
F Humanistic Care	8	8	0	0	0
G Organizational effectiveness	7	4	4	1	0

Appendix S2 Quantification of the basis of expert judgment on indicators

Basis of judgement	Degree of impact			
	Great	Medium	Little	
Theoretical analysis	13	3	0	
Practical experience	13	1	2	
Bibliography	2	9	5	

Subjective judgement

0

6

10

Appendix S3 Results of the first round of expert correspondence

Itoma		Full Score	Coefficients of
Items	Mean	Ratio	variation
Domain A: nurse-patient communication	4.8	81.3%	8.4%
A1 Appropriate self-introduction and addressing the patient or family	4.9	87.5%	7.0%
A2 Inform the patient or family of the purpose of the communication	4.6	68.8%	13.4%
A3 Confirm the patient's or family's ability to communicate, communicate in a	5.0	100.0%	0.0%
language that the patient or family understands, and assess the patient's or			
family's grasp of the information when appropriate			
A4 Ask questions and guide the patient or family when appropriate, and ask the	4.9	93.8%	5.1%
patient's family to provide correct and sufficient communication information			
when necessary			
A5 Respond appropriately to patients when necessary	4.6	62.5%	13.8%
A6 Demonstrate respect and compassion for patients	4.8	81.3%	8.4%
A7 Not interrupting patients or family members inappropriately	4.5	56.3%	14.1%
A8 Use non-verbal communication when necessary to achieve good	4.8	81.3%	12.2%
communication results			

A9 Clearly thought out, well organized, well controlled pace	4.8	87.5%	11.3%
Domain B: health assessments	4.9	87.5%	7.0%
B1 Targeted physical examination	4.9	87.5%	7.0%
B2 Correct physical examination technique	4.6	68.8%	13.4%
B3 Comprehensive and accurate assessment	4.8	81.3%	8.4%
B4 Correctly assess changes in the patient's condition	5.0	100.0%	0.0%
B5 Properly assess potential risks	5.0	100.0%	0.0%
B6 Identify complications	4.7	68.8%	10.2%
B7 Proper use of specialty assessment tools	4.9	87.5%	7.0%
Domain C: clinical decision making	4.9	87.5%	7.0%
C1 Ability to identify problems	4.9	87.5%	7.0%
C2 Ability to assess current changes in the patient's condition	4.9	93.8%	5.1%
C3 Can clarify the focus of the patient's current condition observation	5.0	100.0%	0.0%
C4 Can make recommendations for decisions regarding patient conditions	4.9	93.8%	5.1%
C5 Can provide the care needed for the patient's current condition	4.9	87.5%	7.0%

C6 Be able to analyze the factors associated with the development of the	4.7	68.8%	10.2%
condition			
C7 Critical thinking	4.8	75.0%	9.4%
C8 Ability to provide feedback	4.6	62.5%	13.8%
Domain D: operating skills	4.7	75.0%	12.8%
D1 Strictly implement the principle of aseptic operation in operation	5.0	100.0%	0.0%
D2 Follow the requirements of the core system of checking and identification of	5.0	100.0%	0.0%
patients and the correct timing and method of checking medical prescriptions			
and medications during operation			
D3 Appropriate assessment of the patient and appropriate assistance when the	4.6	62.5%	13.8%
patient is unable to cooperate with the operation			
D4 Perform the steps according to the needs of the disease and in a rational	4.8	75.0%	9.4%
order			
D5 Accurate operation process	4.7	75.0%	12.8%
D6 Respond appropriately to patient discomfort caused during operation	4.7	68.8%	10.2%
D7 Pay attention to patient privacy protection during operation	4.8	81.3%	8.4%
D8 Correct final disposal at the end of the operation	4.8	81.3%	8.4%

4.9

87.5%

7.0%

Supplemental material

Domain E: health education

Domain E. neutri edecation	1.7	07.570	7.070
E1 To inform the purpose of health promotion	4.6	68.8%	13.4%
E2Provide the appropriate health education knowledge needed	4.9	93.8%	5.1%
E3 Health promotion using easy-to-understand language	4.8	81.3%	8.4%
E4 Demonstrate and explain to patients when necessary	4.8	75.0%	9.4%
E5 Accurate mission content	4.9	93.8%	5.1%
E6 Identify patients with missionary knowledge	4.8	87.5%	11.3%
Domain F: humanistic care	4.8	81.3%	8.4%
F1 Ability to build a good trusting relationship with patients	4.5	56.3%	14.1%
F2 Facing patients with a professional attitude and identity	4.7	75.0%	12.8%
F3 Able to notice and deal with patient discomfort in a timely manner	4.9	93.8%	5.1%
F4 Ensure patient safety and protect patients when necessary	4.9	93.8%	10.3%
F5 Respect the patient's wishes where possible	4.6	68.8%	13.4%
F6 Good attitude and firm and polite tone when you need to refuse a patient	4.0	37.5%	25.8%*
F7 Protecting patient privacy	4.7	68.8%	10.2%
F8 Empathy for patients	4.8	81.3%	8.4%

F9 Can use appropriate methods to help patients build confidence to overcome	4.7	68.8%	10.2%	
the disease				
Domian G: organizational effectiveness	4.6	68.8%	15.9%	
G1 Ability to respond effectively to emergencies	4.8	75.0%	9.4%	
G2 Proper time control and overall efficiency	4.7	75.0%	12.8%	
G3 Focus on prioritization in nursing behaviors	4.8	75.0%	9.4%	
G4 Efficient use of resources to provide optimal service	4.6	68.8%	13.4%	
G5 Appropriate and flexible assessment processing	4.6	75.0%	15.5%	
G6 High patient satisfaction	4.6	75.0%	15.5%	

Appendix S4 Results of the second round of expert correspondence

Items		Full Score	Coefficients of
		Ratio	variation
Domain A: nurse-patient communication	4.8	75.0%	9.4%
A1 Appropriate self-introduction and addressing the patient or family	4.8	81.3%	8.4%
A2 Inform the patient or family of the purpose of the communication	4.8	87.5%	11.3%

A3 Confirm the patient's or family's ability to communicate, communicate in a language	4.9	93.8%	5.1%
that the patient or family understands, and assess the patient's or family's grasp of the			
information when appropriate			
A4 Ask questions and guide the patient or family when appropriate, and ask the patient's	4.8	81.3%	8.4%
family to provide correct and sufficient communication information when necessary			
A5 Respond appropriately to patients when necessary	4.4	56.3%	18.3%
A6 Demonstrate respect and compassion for patients	4.6	62.5%	10.8%
A7 Not interrupting patients or family members inappropriately	4.5	56.3%	14.1%
A8 Use non-verbal communication when necessary to achieve good communication	4.5	62.5%	16.2%
results			
A9 Clearly thought out, well organized, well controlled pace	5.0	100.0%	0.0%
Domain B: health assessments	4.9	93.8%	5.1%
B1 Targeted physical examination	4.8	81.3%	12.2%
B2 Correct physical examination technique	4.9	87.5%	7.0%
B3 Comprehensive and accurate assessment	4.8	81.3%	8.4%
B4 Correct assessment of the patient's condition	5.0	100.0%	0.0%

5.0	100.0%	0.0%
4.8	75.0%	9.4%
4.8	81.3%	8.4%
4.9	93.8%	5.1%
4.9	87.5%	7.0%
4.8	81.3%	8.4%
5.0	100.0%	0.0%
4.5	50.0%	11.5%
4.8	81.3%	8.4%
4.6	62.5%	10.8%
4.9	87.5%	7.0%
4.8	75.0%	9.4%
4.6	68.8%	13.4%
4.9	93.8%	5.1%
	4.8 4.9 4.9 4.8 5.0 4.5 4.8 4.6 4.9 4.8	4.8 75.0% 4.8 81.3% 4.9 93.8% 4.9 87.5% 4.8 81.3% 5.0 100.0% 4.5 50.0% 4.8 81.3% 4.6 62.5% 4.9 87.5% 4.8 75.0% 4.6 68.8%

D2 Follow the requirements of the core system of checking and identification of patients	4.9	93.8%	5.1%
and the correct timing and method of checking medical prescriptions and medications			
during operation			
D3 Provide appropriate assistance when the patient is unable to cooperate with the	4.7	68.8%	10.2%
operation			
D4 Perform the steps in a reasonable order according to the needs of the disease	4.9	87.5%	7.0%
D5 Accurate operation process	4.6	68.8%	13.4%
D6 Respond appropriately to patient discomfort caused during operation	4.8	75.0%	9.4%
D7 Correct final disposal at the end of the operation	4.8	75.0%	9.4%
Domian E: health education	4.9	87.5%	7.0%
E1 To inform the purpose of health promotion	4.8	81.3%	8.4%
E2 Provide the appropriate health education knowledge needed	5.0	100.0%	0.0%
E3 Health promotion using easy-to-understand language	4.8	81.3%	8.4%
E4 Demonstrate and explain to patients when necessary	4.8	81.3%	8.4%
E5 Accurate mission content	4.9	93.8%	5.1%
E6 Identify patients with missionary knowledge	4.6	68.8%	13.4%

G3 Focus on prioritization in nursing behaviors

8.4%

81.3%

4.8

G4 Efficient use of resources to provide optimal service	4.7	75.0%	12.8%
G5 Appropriate and flexible assessment processing	4.3	50.0%	21.9%
G6 High patient satisfaction	4.4	50.0%	14.2%